

| DE | | RATIO | N AND | POWER | OF | ATTORNEY |
|----|------|-------|--------|--------------|----|----------|
| EΛ | D DA | TENT | APPLIC | MOITA: | | |

ATTORNEY DOCKET NO. 10005119-1

| As a balance nam | ed inventor 1 | hereby declare | that |
|------------------|---------------|----------------|------|

| My residence/post office | address | and citizenship are a | as stated b | elow next to n | ny name; | |
|---|--|--|---|---|--|--|
| believe I am the original point inventor (if plural repatent is sought on the incompared by the control of the | ames ar | e listed below) of the entitled: | ne subject | matter which | elow) or an or is claimed a | iginal, first and nd for which a |
| the specification of which | h is atta | ched hereto unless t | ne followin | a box is check | ed: | |
| | | | | | | Application |
| I hereby state that I had including the claims, as disclose all information to | - ave revie amende which is i | wed and understood d by any amendme material to patentabi | d the cont | ents of the alred to above. | bove-identifie I acknowled | d specification, Ige the duty to |
| Foreign Application(s) and/or (I hereby claim foreign priority inventor(s) certificate listed be filing data before that of the a | benefits u | under Title 35, United Sta ave also identified below | any foreign a | ection 119 of any pplication for pate | foreign applicat ent or inventor(s) | ion(s) for patent or certificate having a |
| COUNTRY | | APPLICATION NUMBER | DA | TE FILED | PRIORITY CLAIMED | UNDER 35 U.S.C. 119 |
| N/A | | | | | YES: | NO: |
| | | | | | YES: | NO: |
| Provisional Application | | | | . | | |
| I hereby claim the benefit ur below: | der Title 3 | 5, United States Code S | ection 119(e | of any United S | tates provisional | application(s) listed |
| [| APPL | ICATION SERIAL NUMBER | F | LING DATE | 7 | |
| | | N/A | 1 | | 7 | |
| | | | | | 7 | |
| manner provided by the first information as defined in Titl application and the national of | e 37, Code | of Federal Regulations, | Section 1.56 | a) which occurred | d between the fi | ling date of the prior |
| APPLICATION SERIAL NUME | ER | FILING DATE | | STATUS (pat | ented/pending/abando | ned) |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |
| POWER OF ATTORNEY: As a named inventor, I held business in the Patent and To | rademark C | Office connected therewith | \: | gent(s) to prosec | ute this applicat | tion and transact al |
| Customer | Number | 022879 | | mber Bar Code Label here | | |
| Send Correspondence to | : | | | Direct Telephone C | Calls To: | |
| HEWLETT-PACKARD CO | MPANY | | , | THOMAS X. LI | | |
| Intellectual Property Adn P.O. Box 272400 | ninistration | | | (650) 857-5972 | | |
| Fort Collins, Colorado 8 | 0527-2400 |) | | | | |
| I hereby declare that made on information a the knowledge that w or both, under Section may jeopardize the val | nd belie illful fals 1001 o | f are believed to be t e statements and the of Title 18 of the Uni | true; and for e like so m ited States | urther that the nade are punis Code and tha | se statements hable by fine | s were made with or imprisonment |
| Full Name of Inventor: Qi | ming Che | n | | Citizenship: US | Α | |
| Residence: 8 | 51 W. R | emington Drive, Sun | nyvale, C | 94087 | | |
| Post Office Address: N | /A | | | | | |
| Oim | not CA | h | | | (9,200 | • 1 |
| Inventor's Signature | 1 - | | 0 | ate | | |

DÉCLARATION AND PC . ER OF ATTORNEY FOR PATENT APPLICATION (continued)

TTORNEY DOCKET NO. 10005119-1

| Full Name of # 2 joint inventor: | Umeshwar Dayal | Citizenship: India |
|----------------------------------|--------------------------------|--------------------|
| Residence: | 12561 Radoyka Drive, Saratoga, | CA 95070 |
| Post Office Address, . | N/A | |
| Uluagh | or Dayal | 9 March 2001 |
| inventor's Signature | d_ | Date |
| | | |
| Full Name of # 3 joint inventor: | | Citizenship: USA |
| Residence: 12717 | 12514 Leander Drive, Los Altos | Hills, CA 94022 |
| Post Office Address: | N/A | |
| Inventor's Signature | Mer | 9 Mar 200/ |
| mentory orginature | | Date |
| | | 9 11 |
| Full Name of # 4 joint inventor: | | Citizenship: |
| Residence: | | |
| Post Office Address: | | |
| Inventor's Signature | | Date |
| | | |
| Full Name of # 5 joint inventor: | : | Citizenship: |
| Residence: | | |
| Post Office Address: | | |
| Tost Office Addition. | | |
| Inventor's Signature | | Date |
| | | |
| Full Name of # 6 joint inventor | r: | Citizenship: |
| Residence: | | |
| Post Office Address: | | |
| | | |
| Inventor's Signature | | Date |
| | | |
| Full Name of # 7 joint invento | r: | Citizenship: |
| Residence: | | |
| Post Office Address: | | |
| Inventor's Signature | | Date |
| | | |
| Full Name of # 8 joint invento | or: | Citizenship: |
| Residence: | | |
| Post Office Address: | | |
| | | |
| Inventor's Signature | | Date |



DECEMBER 07, 2001

THOMAS X. LI

HEWLETT-PACKARD COMPANY

1501 PAGE MILL RD, M/S 4U-10 PALO ALTO, CA 94304-1126

PTAS

Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE OUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/03/2001

REEL/FRAME: 012218/0558

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHEN, QIMING

DOC DATE: 03/09/2001

ASSIGNOR:

DAYAL, UMESHWAR

DOC DATE: 03/09/2001

ASSIGNOR:

HSU, MEICHUN

DOC DATE: 03/09/2001

ASSIGNEE:

HEWLETT-PACKARD COMPANY P.O. BOX 272400 INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, COLORADO 80527-2400

SERIAL NUMBER: 09861452

PATENT NUMBER:

FILING DATE: 05/18/2001

ISSUE DATE:

DOROTHY BASMA, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

| FORM PTO-1595 1-31-92 | 10-10-20 | 3. DEPARTMENT OF COMMERCE | | | |
|---|------------------|--|--|--|--|
| 1009 | | der am en mi | | | |
| 1 Name of converse and the state of | | Attorney Docket No. <u>10005119-1</u> | | | |
| 1. Name of conveying party(ies): | 1018682 | | | | |
| Qiming Chen Umeshwar Dayal Meichun Hsu | | HEWLETT-PACKARD COMPANY Int Ilectual Property Administration P.O. Box 272400 | | | |
| Meichun Hsu | | Fort Collins, Colorado 80527-2400 | | | |
| | | 10.301 | | | |
| Additional name(s) of conveying party(jes) attached | Yes X No | Additional name(s) & address(es) attached?YesX No | | | |
| 3. Nature of Conveyance: | | The Table 1 | | | |
| X Assignment | Merger | Change of Name | | | |
| Security Agreement | Other | | | | |
| Execution Date(s): 03/09/01, 03/09/01, 0 | | | | | |
| 4. Application number(s) or patent number | r(s): | | | | |
| If this document is being filed together w | ith a new appli | cation, execution date of the application is: | | | |
| A. Patent Application No.(s) | | B. Patent No.(s) | | | |
| Application No.: 09/861,452 | Date Filed: 05 | /18/01 | | | |
| Confirmation No.: Ac | dditional numbe | ers attached? NO | | | |
| Name and address of party to whom co concerning document should be mailed: | orrespondence | 6. Total number of applications and patents involved:1 | | | |
| Records Manager HEWLETT-PACKARD COMPANY | | 7. Total Fee (37 CFR 3.41): \$40.00 | | | |
| Legal Department | | Enclosed | | | |
| 1501 Page Mill RD, M/S 4U-10 Palo Alto, CA 94304-1126 | | X Authorization to be charged to deposit account. | | | |
| | | 8. Deposit Account Number: 08-2025 | | | |
| | DO. NOT USE | | | | |
| 9. Statement and signature. | | | | | |
| To the best of my knowledge and belief, t true copy of the original document. | the foregoing in | oformation is true and correct and any attached copy is a | | | |
| Thomas W. C. | 1 | | | | |
| Name of Person Signing Signature Sep 18, 2001 Date | | | | | |
| | • | Date org cover sheet, attachments, and document: 4 | | | |
| OMB No. 0651-0011 (exp. 4/94) | - Pegar Maladi | ig cover affect, attachments, and document: 4 | | | |
| 6 | D Not detach | this portion | | | |
| Mail document to be recorded with required | cover sheet in | nformation to: | | | |
| /09/2001 6TD#11 00000150 082025 09851452 Commissioner f r Patents FC:581 40.00 CH Box Assignment | | | | | |
| FC:581 40.00 CH | | D.C. 20231 | | | |

ATTORNEY DOCKET NO. 10005119-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

| Filing date: 05-18-01 | Serial No.: <u>09/861,452</u> |
|--|--|
| Letters Patent, and any and all Letters Pate | (s) set forth therein, and any and all continuations, and renewals of and substitutes for said application for said nt of the United States and of countries foreign thereto which y reissues, or reexaminations, or extensions of said Letters |
| the term or terms for which said Letters F | plications in my/our name for Letters Patent in any country, to assigns, nominees or legal representatives, to the full end of atent respectively may be granted, reissued or extended, as been held and enjoyed by me/us had this assignment, and |
| covenant and agree that I/we will, each tindeliver all such papers as may be necess improvement(s), said application and said Le representatives, and I/we agree to community invention(s) or improvement(s), said approceedings, to sign all lawful papers, to reissue and foreign applications, to make everything possible to aid HP, its successorenforce, for its or their own benefit, proper | we full right to convey the entire interest herein assigned, and account any agreement in conflict herewith, and I/we further near request is made, and without undue delay, execute and early or desirable to perfect the title to said invention(s) or exters Patent, to HP, its successors, assigns, nominees or legal cate to HP, or to its nominee, all known facts respecting said lication and said Letters Patent, to festify in any legal execute all disclaimers and divisionals, continuations, C-I-P's, all rightful oaths and declarations, and generally to do rs, assigns, nominees and legal representatives to obtain and repatent protection for said invention(s) or improvement(s) in which may be incurred by me/us in lending such cooperation |
| patents on applications as aforesaid, to issue and all Letters Patent for said invention(s) of a state of the said invention (s) of the said inventi | t the Commissioner of Patents and Trademarks of the United buntries foreign to the United States whose duty it is to issue a to HP, as assignee of the entire right, title and interest, any or improvement(s), including any and all Letters Patent of the granted on or as a result of the application aforesaid, in int. |
| application now identified by the attorney d | attorneys to insert the serial number and filing date of said locket number and title set forth above as soon as the same United States Patent and Trademark Office. |
| IN WITNESS WHEREOF, I/we hereunto s | set my/our hand(s) and seal(s): |
| Inventor's Signature (Seal) | Date Assignment Signed: March 9 2001 |
| Inventor's Typed Name: Oliming Chen | Date Application Signed: March 9, 200 |
| State of | Sole Application Signed. 17700 C. 7 200 1 |
| County of) ss.: | 1 |
| Before me this day- of | personally appeared <u>Qiming Chen</u> who is satisfactory evidence to be the person who acknowledged the foregoing d. |
| | Notery Public |
| | My commission expires: |

When recorded please return to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. 10005119-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

| 11 | et my/our hand(s) and seal(s): |
|---|---|
| Quechion Day | Date Assignment Signed: 9 March 2001 Date Application Signed: 9 March 2001 |
| Inventor's Signature (Seal) | G 11 1 0 |
| Inventor's Typed Name: Umeshwar Dayal | Date Application Signed: The rich 2001 |
| State of | · |
|) sš.: | |
| County of | |
| Before me this day of | , personally appeared <u>Umeshwar Dayal</u> who is |
| personally known or proved to me on the basis instrument of assignment to be his/her free act and | of satisfactory evidence to be the person who acknowledged the toregoing |
| | Mary C.A.W. |
| | Notary Public My commission expirés: |
| | |
| 4 | |
| meichunden | 2: "Mi i . |
| | Date Assignment Signed: March 200 |
| Inventor's Signature (Seal) | Date Application Signed: 9 March 2001 |
| nventor's Typed Name: Meichun Hsu | Date Application Signed: 1 Mach 200 |
| State of | |
| County of .) 'ss.; | |
| County of .) | |
| Before me this day of personally known or proved to me on the basis instrument of assignment to be his/her free act and | of satisfactory evidence to be the person who acknowledged the foregoing |
| | |
| | Notary Public My conimission expires: |
| | |
| | |
| | į |
| | Date Assignment Signed: |
| nventor's Signature (Seal) | |
| nventor's Typed Name: | Date Application Signed: |
| State of | |
|) ss.: | |
| County of) | |
| Before me this day of ersonally known or proved to me on the basis astrument of assignment to be his/her free act and | of satisfactory evidence to be the person who acknowledged the foregoing |
| r application application of matter needed and | |
| | |
| | Notary Public |
| | Notary Public My commission expires: |
| | · · · |